

INVENTORS

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Set	Items	Description
S1	949	AU=ARENA S?
S2	188	AU=ARENA, S?
S3	25	AU=GOLBUS S?
S4	2	AU=GOLBUS, S?
S5	2074	AU=KANTOFF P?
S6	264	AU=KANTOFF, P?
S7	0	AU=SMIDT()JENSEN? S?
S8	0	AU=SMIDT()JENSEN?, S?
S9	3486	S1:S8
S10	46	S9 AND (FETAL OR FETUS?)
S11	12	RD (unique items)

? t s11/3,k/1-12

Dialog eLink: **USPTO Full Text Retrieval Options**

11/3,K/1 (Item 1 from file: 155)
 DIALOG(R)File 155: MEDLINE(R)
 (c) format only 2011 Dialog. All rights reserved.

15159039 PMID: 12063438

HPV and pregnancy: diagnostic methods, transmission and evolution.

Arena S; Marconi M; Ubertosi M; Frega A; Arena G; Villani C
 Dipartimento di Scienze Ginecologiche, Ostetriche e Pediatriche, Università degli Studi,
 Perugia, Italy. arenasft@tin.it

Minerva ginecologica (Italy) Jun 2002 , 54 (3) p225-37 , ISSN: 0026-4784--Print
 0026-4784--Linking **Journal Code:** 0400731

Publishing Model Print

Document type: Comparative Study; Journal Article; Review

Languages: ENGLISH, ITALIAN

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Arena S; Marconi M; Ubertosi M; Frega A; Arena G; Villani C

...26. A number of different opinions emerge from the literature regarding the possibility of maternal-**fetal** virus transmission. None of the patients examined carried out treatment during pregnancy. The data reportedthe development of the pathology which then often recedes in the postpartum. The possible maternal-**fetal** transmission of the virus is an important aspect: the letter is the main factor responsible... (

Dialog eLink: **USPTO Full Text Retrieval Options**

11/3,K/2 (Item 2 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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14692900 **PMID:** 11486419

Fetal vesicoureteral reflux: neonatal findings and follow-up study.

Arena F; Romeo C; Cruccetti A; Centonze A; Basile M; **Arena S**; Romeo G

Universita degli Studi di Messina, Istituto di Chirurgia Pediatrica, Italia.

La Pediatria medica e chirurgica - Medical and surgical pediatrics (Italy) Jan-Feb 2001

, 23 (1) p31-4 , **ISSN:** 0391-5387--Print 0391-5387--Linking **Journal Code:** 8100625

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Fetal vesicoureteral reflux: neonatal findings and follow-up study.

Arena F; Romeo C; Cruccetti A; Centonze A; Basile M; **Arena S**; Romeo G

...382 patients with prenatally diagnosed dilated urinary tracts seen during a 15-years

period. When **fetal** hydronephrosis was confirmed at birth, voiding cystography was

performed. If a VUR was diagnosed dimercaptosuccinic... (

Descriptors: ***Fetal** Diseases; *Vesico-Ureteral Reflux

Dialog eLink: **USPTO Full Text Retrieval Options**

11/3,K/3 (Item 3 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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14300520 **PMID:** 11085057

A case of non-immune hydrops fetalis with congenital cystic adenomatoid malformation of the left lung in a twin.

Arena S; Liberatore A; Carrera G; Riboni G

Divisione di Patologia Perinatale Presidio Ospedaliero Macedonio Melloni, Milano.

Minerva pediatrica (ITALY) May-Jun 2000 , 52 (5-6) p307-12 , **ISSN:** 0026-4946--

Print 0026-4946--Linking **Journal Code:** 0400740

Publishing Model Print

Document type: Case Reports; Journal Article

Languages: ENGLISH, ITALIAN

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Arene S; Liberatore A; Carrera G; Riboni G

...There are two types, immune and non-immune. It can be caused by a maternal-**fetal** incompatibility due to the Rh factor or, more rarely, the Kell factor or due to... ..there is the presence of a congenital cystic adenomatoid malformation (CAM), not encountered in the **fetal** ultrasound performed at the sixteenth week of pregnancy. The particularity of our case is due to the association of the **fetal** hydrops of the CAM type in only one of the two twins. The presented case... ..with a clinical trend towards a worse prognosis, characterized by the intrauterine death of the **fetus** or the birth of a hydropic **fetus** that does not survive because of respiratory insufficiency and cardiocirculatory collapse. (

Dialog eLink: **USPTO Full Text Retrieval Options**

11/3,K/4 (Item 4 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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09384453 **PMID:** 2920208

In utero gene transfer and expression: a sheep transplantation model.

Kantoff P W; Flake A W; Eglitis M A; Scharf S; Bond S; Gilboa E; Erlich H; Harrison M R; Zanjani E D; Anderson W F

Laboratory of Molecular Hematology, National Heart, Lung, and Blood Institute, Bethesda, MD 20892.

Blood (UNITED STATES) Mar 1989, 73 (4) p1066-73, **ISSN:** 0006-4971--Print 0006-4971--Linking **Journal Code:** 7603509

Contract/Grant No.: AM2047; AM; NIADDK NIH HHS United States; HL40722; HL; NHLBI NIH HHS United States

Publishing Model Print

Document type: Journal Article; Research Support, Non-U.S. Gov't; Research Support, U.S. Gov't, Non-P.H.S.; Research Support, U.S. Gov't, P.H.S.

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Kantoff P W; Flake A W; Eglitis M A; Scharf S; Bond S; Gilboa E; Erlich...

Retroviral-mediated gene transfer was used to insert a Neo R gene into **fetal** sheep hematopoietic cells obtained by exchange transfusion from lambs in utero. After gene transfer the cells were returned to the donor **fetus**. The lambs were examined after birth for the presence of a functioning Neo R gene... ..retroviral-mediated gene transfer can be used to insert genes into early progenitor cells of **fetal** sheep in utero and that the animals

can continue to demonstrate blood cells expressing the... (

Dialog eLink:

USPTO Full Text Retrieval Options

11/3,K/5 (Item 5 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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09277989 **PMID:** 3146905

Retroviral-mediated gene transfer into hemopoietic cells.

Eglitis M A; **Kantoff P W**; Kohn D B; Karson E; Moen R C; Lothrop C D; Blaese R M; Anderson W F

Laboratory of Molecular Hematology, NHLBI, NIH, Bethesda, MD.

Advances in experimental medicine and biology (UNITED STATES) 1988 , 241 p19-27 , **ISSN:** 0065-2598--Print 0065-2598--Linking **Journal Code:** 0121103

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Eglitis M A; **Kantoff P W**; Kohn D B; Karson E; Moen R C; Lothrop C D; Blaese R...
...vitro up to an average of 5 fold. When alternative sources of progenitors, such as **fetal**
cord blood, were used, improvements in infection efficiency were also obtained. Finally,
evidence was acquired... (

Dialog eLink:

USPTO Full Text Retrieval Options

11/3,K/6 (Item 6 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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08943965 **PMID:** 3327664

Gene therapy: efforts at developing large animal models for autologous bone marrow transplant and gene transfer with retroviral vectors.

Eglitis M A; **Kantoff P W**; McLachlin J R; Gillio A; Flake A W; Bordignon C; Moen R C; Karson E M; Zwiebel J A; Kohn D B; et al

Laboratory of Molecular Hematology, National Heart, Lung and Blood Institute, Bethesda, MD 20892.

Ciba Foundation symposium (NETHERLANDS) 1987 , 130 p229-46 , **ISSN:** 0300-5208--Print 0300-5208--Linking **Journal Code:** 0356636

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Eglitis M A; **Kantoff P W**; McLachlin J R; Gillio A; Flake A W; Bordignon C; Moen R C...

Two new large animal models, non-human primates and **fetal** sheep, have been developed in an effort to determine the feasibility of using retroviruses for... ..found to express vector DNA. Sheep have been used for studies of the infectability of **fetal** blood progenitors in vivo. Blood cells were treated with the N2 vector at the 96th... (

Dialog eLink: [USPTO Full Text Retrieval Options](#)

11/3,K/7 (Item 7 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

(c) format only 2011 Dialog. All rights reserved.

08840628 **PMID:** 3311223

Retroviral-mediated gene transfer into mammalian cells.

Kohn D B; **Kantoff P W**; Eglitis M A; McLachlin J R; Moen R C; Karson E; Zwiebel J A; Nienhuis A; Karlsson S; O'Reilly R; et al

Metabolism Branch, National Cancer Institute, Bethesda, MD 20892.

Blood cells (GERMANY, WEST) 1987 , 13 (1-2) p285-98 , **ISSN:** 0340-4684--Print

0340-4684--Linking **Journal Code:** 7513567

Publishing Model Print

Document type: Journal Article; Review

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Kohn D B; **Kantoff P W**; Eglitis M A; McLachlin J R; Moen R C; Karson E; Zwiebel J...

...that were expressing the vector genes. Transfer of genes into circulating hematopoietic stem cells of **fetal** sheep in utero was most efficient; vector gene expression was evident in 20%-40% of... (

Descriptors: ; ...BI; Adenosine Deaminase--deficiency--DF; Animals; Bone Marrow Transplantation; Cells, Cultured; DNA, Recombinant; Drug Resistance; **Fetal** Diseases--therapy--TH; Genes, Synthetic; Genetic Engineering; Hematopoietic Stem Cells--cytology--CY; Hematopoietic Stem Cells...

Named Person:

Dialog eLink: [USPTO Full Text Retrieval Options](#)

11/3,K/8 (Item 8 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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08618472 **PMID:** 3299988

Retroviral-mediated gene transfer into hematopoietic cells.

Kantoff P W; Gillio A; McLachlin J R; Flake A W; Eglitis M A; Moen R ; Karlsson S; Kohn D B; Karson E; Zwiebel J A; et al
Transactions of the Association of American Physicians (UNITED STATES) 1986 ,
99 p92-102 , **ISSN**: 0066-9458--Print 0066-9458--Linking **Journal Code**: 7506109
Publishing Model Print

Document type: In Vitro; Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Kantoff P W; Gillio A; McLachlin J R; Flake A W; Eglitis M A; Moen R ...

Descriptors: ; Adenosine Deaminase--deficiency--DF; Animals; Bone Marrow--microbiology--MI ; Bone Marrow Transplantation; Drug Resistance; **Fetus**; Hematopoietic Stem Cells--enzymology--EN; Hematopoietic Stem Cells--microbiology--MI; Humans; Macaca; Neomycin--pharmacology--PD...

Named Person:

Dialog eLink: **USPTO Full Text Retrieval Options**

11/3,K/9 (Item 9 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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08613612 **PMID**: 3034494

Gene transfer and expression in nonhuman primates using retroviral vectors.

Anderson W F; **Kantoff P**; Eglitis M; McLachlin J; Karson E; Zwiebel J ; Nienhuis A; Karlsson S; Blaese R M; Kohn D; et al
Cold Spring Harbor symposia on quantitative biology (UNITED STATES) 1986 , 51
Pt 2 p1073-81 , **ISSN**: 0091-7451--Print 0091-7451--Linking **Journal Code**: 1256107
Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Anderson W F; **Kantoff P**; Eglitis M; McLachlin J; Karson E; Zwiebel J ; Nienhuis A; Karlsson S; Blaese R...

Descriptors: ; ...Deaminase--genetics--GE; Animals; Bone Marrow Cells; Bone Marrow Transplantation; Cells, Cultured; DNA Transposable Elements; **Fetus**; Hematopoietic Stem Cells--cytology--CY; Humans; Macaca fascicularis; Mice; Sheep

Named Person:

Dialog eLink: **USPTO Full Text Retrieval Options**

11/3,K/10 (Item 1 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

(c) 2011 The Thomson Corporation. All rights reserved.

09004328 **Biosis No.:** 198835101433

**RETROVIRUS-MEDIATED GENE TRANSFER INTO FETAL
HEMATOPOIETIC CELLS**

Author: KARSON E M (Reprint); EGLITIS M A; **KANTOFF P**; ANDERSON W F

Author Address: NATL HEART LUNG AND BLOOD INST, NATL INST HEALTH,
BETHESDA, MD, USA**USA

Journal: Archives of AIDS Research 1 (2-3): p 148 1987

Conference/Meeting: FIRST AIDS AWARENESS CONGRESS, CHARLESTON,
SOUTH CAROLINA, USA, NOVEMBER 7-9, 1987. ARCH AIDS RES.

ISSN: 0899-4811

Document Type: Meeting

Record Type: Citation

Language: ENGLISH

**RETROVIRUS-MEDIATED GENE TRANSFER INTO FETAL
HEMATOPOIETIC CELLS**

Author: ...KANTOFF P

Dialog eLink: [USPTO Full Text Retrieval Options](#)

11/3,K/11 (Item 1 from file: 65)

DIALOG(R)File 65: Inside Conferences

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03921789 **Inside Conference Item ID:** CN041200261

EFFECT OF FETAL SEX ON RISK OF SINGLETON PRETERM BIRTH

Arena, S.; Arena, G.; Gualtieri, R.; Cenci, S.; Del Frate, E.; Rappa, C.; Ubertosi, M.;
Marconi, M.; Minelli, C.; Nadai, D.

Conference: European Society for Gynecologic and Obstetric Investigation; ESGOI
2001 - Congress; 5th

INTERNATIONAL UP TO DATE , 2001; (NO) 231 P: 271-275

CIC, 2001

ISBN: 8871415035

Language: English **Document Type:** Conference Papers

Editor: Genazzani, A. R.; Artini, P. G.

Sponsor: European Society for Gynecologic and Obstetric Investigation

Location: Madonna di Campiglio, Italy

2001; Mar (200103) (200103)

EFFECT OF FETAL SEX ON RISK OF SINGLETON PRETERM BIRTH

Arena, S.; Arena, G.; Gualtieri, R.; Cenci, S.; Del Frate, E.; Rappa, C.; Ubertosi, M.;
Marconi...

Dialog eLink: **USPTO Full Text Retrieval Options**

11/3,K/12 (Item 1 from file: 71)

DIALOG(R)File 71: ELSEVIER BIOBASE

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0005030829 **Supplier Number:** 2003030972

Biological effects of gestational and lactational PCB exposure in neonatal and juvenile C57BL/6 mice

Arena S.M.; Greeley E.H.; Halbrook R.S.; Hansen L.G.; Segre M.

Author Email: m-segre@uiuc.edu

Corresp. Author/Affil: Segre M., Dept. of Veterinary Pathobiology, College of Veterinary Medicine, University of Illinois, 2001 South Lincoln Ave., Urbana, IL 61802 , United States

Corresp. Author Email: m-segre@uiuc.edu

Journal : Archives of Environmental Contamination and Toxicology (Arch. Environ. Contam. Toxicol.) , v44, n2, (272-280) , 2003 , United States

Publication Date: February 1, 2003 (20030201)

Coden: AECTC

ISSN: 0090-4341 **eISSN:** 1471-2970

Record Type: Abstract; New

Document Type: Article

Languages: English **Summary Languages:** English

No. of References: 49

Arena S.M...

Classification Description:

...Fetal;

PATENTS & NPL ABSTRACTS/FULL-TEXT

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(c) 2011 The Thomson Corp
File 73:EMBASE 1974-2011/Jun 01
(c) 2011 Elsevier B.V.
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS
File 467:ExtraMED(tm) 2000/Dec
(c) 2001 Informania Ltd.

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Processing

Set	Items	Description
S1	267373	(FETOSCOPY OR FETUS?? OR FOETUS?? OR FAETUS?? OR FETAL? OR FOETAL? OR FAETAL? OR EMBRYO? ? OR EMBRYONIC?) (4N) (TISSUE? OR VASCULAR? OR SKIN? OR FLESH? OR DERMIS? OR EPIDERM? OR DERMAL? OR SUBDERM?)
S2	43435382	BIOPSY? OR BIOPSIE? OR SAMPLING? OR SAMPLE? ? OR REMOVE? OR EXTRACT? OR RESECT? OR WITHDRAW? OR COLLECT? OR EXCIS??? OR EXCISION? OR OBTAIN??? OR (TAKE??? OR TAKING OR TOOK)()OUT
S3	220085	(DUAL OR TWO OR 2 OR MANY OR TWIN OR MORE()THAN()ONE OR MULTI OR MULTIPL? OR PAIR OR DUO OR COUPLE OR DOUBLE OR DUPLICATE) (3N) (CANULA? OR CANNULA? OR CANNULA? OR CANULLA? OR PROBE?)
S4	21301846	FLUSH? OR SUCTION? OR CUT? OR PURG??? OR PURGATION OR DELET??? OR ELIMINAT??? OR ERADICAT??? OR LIQUIDATE OR REMOV? OR CLEAR??? OR CLEAN? OR (TAKE? ? OR TAKING)()OUT OR ERAS???
S5	21324	(ROTAT? OR PIVOT? OR SWIVEL? OR REVOLV? OR TURN? OR TWIST?) (2N) CUT?(2N) (TOOL? OR DEVICE? OR APPARATUS? OR INSTRUMENT? OR IMPLEMENT?)
S6	58120	(COAXIAL? OR CO()AXIAL? OR GUIDE? OR DOUBLE? OR DUAL?) (3N) (NEEDLE? OR SYRINGE? OR APPLIER? OR MICRONEEDLE? OR MICRO()NEEDLE? OR HYPODERM? OR INTUBAT? OR STYLUS OR STILUS OR BOUGIE? ? OR TREPHIN? OR PERFORATOR?)
S7	19454150	FILTER? OR TRAP? OR PLUG? OR GRATE? ? OR GRATING? ? OR CAGE? ? OR GRID? ? OR CATCHER? ? OR BARRIER? ? OR SCREEN??? OR MASK??? OR FILTRATION OR SEPARATE???
S8	598117	PERCUTANEOUS?
S9	2767191	TRANSABDOMINAL? OR TRANS()ABDOMINAL? OR ABDOM? OR STOMACH?
S10	16707	CHORIONIC(3N)VILLI

S11	14063296	TRANSPLANT? OR TRANSFER? OR GRAFT?
S12	75976	DOPAMINE?(3N)CELL?
S13	6498885	PARKINSON?(3N)DISEASE? OR PD OR PARALYSIS()AGITANS?
S14	190689	(FIRST OR ONE OR 1ST)() (TRIMESTER? OR QUARTER?)
S15	50545	AMNIOCENTESIS
S16	2039996	IRRIGATION? OR VACUUM?
S17	1482616	(BONE? OR OSSEO? OR OSSIF? OR OSTO? OR CANCELLOUS? OR OSTO? OR OSTE? OR OSSO? OR OSSE? OR ENDOST?) (3N) (GROWTH? OR MARROW?)
S18	14478	S1(10N)S2
S19	42	S18 AND S3
S20	2430	S18 AND S4
S21	0	S18 AND S5
S22	1584	S6(10N)S7
S23	35	S1 AND S5
S24	4589	S2 AND S5
S25	1	S22 AND S8 AND S9
S26	6	S18 AND S8 AND S9
S27	41	S20 AND S8 AND S9
S28	0	S24 AND S8 AND S9
S29	4792	S18 AND (S8:S15)
S30	198	S29 AND S17
S31	44	S30 AND (S4 OR S16)
S32	0	S30 AND (S5 OR S6)
S33	92	S19 OR S25 OR S26 OR S31
S34	64	RD (unique items)
S35	7	S34 NOT PY>1990

? t s35/3,k/1-7

Dialog eLink: **USPIO Full Text Retrieval Options**

35/3,K/1 (Item 1 from file: 155)
 DIALOG(R)File 155: MEDLINE(R)
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07704372 PMID: 6368057

"Blind" versus direct vision technique for fetal skin sampling in cases for prenatal diagnosis.

Lofberg L; Gustavii B

Clinical genetics (DENMARK) Jan 1984 , 25 (1) p37-41 , ISSN: 0009-9163--Print 0009-9163--Linking **Journal Code:** 0253664

Publishing Model Print

Document type: Case Reports; Comparative Study; Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

"Blind" versus direct vision technique for fetal skin sampling in cases for prenatal diagnosis.

...in 2, and non-bullous ichthyosiform erythroderma in 1) were subjected to prenatal diagnosis by **fetal skin sampling**. The conventional "blind" **biopsy** procedure was used in the first 3 cases; a **two-cannula** technique (one **cannula** for the optic instrument and the other for the biopsy forceps) that permits biopsy of... ..used, leakage of amniotic fluid occurred and labor started in the 33rd week. With the **two-cannula** technique, the number of biopsy samples could be confined to two or three, and all... (

Descriptors: *Biopsy--methods--MT; *Epidermolysis Bullosa--diagnosis--DI; *Fetal Diseases--diagnosis--DI; *Fetoscopy--methods--MT; *Ichthyosis --diagnosis--DI; *Prenatal Diagnosis--methods--MT; *Skin Diseases...

Dialog eLink: [USPTO Full Text Retrieval Options](#)

35/3,K/2 (Item 2 from file: 155)
DIALOG(R)File 155: MEDLINE(R)
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07329790 **PMID:** 7164776

Technical difficulties in fetal skin sampling.

Lofberg L; Gustavii B

Acta obstetricia et gynecologica Scandinavica (SWEDEN) 1982 , 61 (6) p505-7 ,

ISSN: 0001-6349--Print 0001-6349--Linking **Journal Code:** 0370343

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Technical difficulties in fetal skin sampling.

Attempts were made to **obtain skin biopsies** from the **fetuses** of 18 women in the 16th to 21st week of gestation. In four of them... ..delivery in the 33rd week. In the remaining five women (including one for diagnosis), a **two-cannula** procedure was employed (one cannula for the optic instrument and the other for the biopsy... (

Dialog eLink: [USPTO Full Text Retrieval Options](#)

35/3,K/3 (Item 3 from file: 155)
DIALOG(R)File 155: MEDLINE(R)
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05441858 **PMID:** 1244417 **Record Identifier:** PMC2190098

Lymphopoiesis and lymphocyte recirculation in the sheep fetus.

Pearson L D; Simpson-Morgan M W; Morris B

Journal of experimental medicine (UNITED STATES) Jan 1 1976 , 143 (1) p167-86 ,

ISSN: 0022-1007--Print 0022-1007--Linking **Journal Code:** 2985109R
 Publishing Model Print; Cites Ser Haematol. 1974;7(4):548-67 PMID 4476926; Cites Cell Immunol. 1973 Apr;7(1):10-39 PMID 4540428; Cites Ser Haematol. 1974;7(4):464-81 PMID 4548945; Cites J Immunol. 1971 May;106(5):1143-6 PMID 4930063; Cites Transplantation. 1971 Sep;12(3):161-6 PMID 4936097; Cites Immunology. 1971 Nov;21(5):795-803 PMID 5000510; Cites Cell Tissue Kinet. 1972 Mar;5(2):175-89 PMID 5025382; Cites J Exp Med. 1972 Feb 1;135(2):185-99 PMID 5062171; Cites J Anim Sci. 1972 Oct;35(4):814-9 PMID 5075824; Cites Aust J Exp Biol Med Sci. 1971 Feb;49(1):33-53 PMID 5102733; Cites Nat New Biol. 1971 Apr 28;230(17):267-70 PMID 5280665; Cites Arch Surg. 1969 Nov;99(5):664-8 PMID 5350817; Cites Aust J Exp Biol Med Sci. 1969 Oct;47(5):565-72 PMID 5373687; Cites Surgery. 1970 Apr;67(4):658-66 PMID 5435917; Cites Immunology. 1970 Jul;19(1):11-30 PMID 5484786; Cites Clin Exp Immunol. 1971 Sep;9(3):371-80 PMID 5571056; Cites Lab Invest. 1968 Apr;18(4):397-406 PMID 5648183; Cites Nature. 1965 Jul 31;207(996):540-1 PMID 5886155; Cites J Exp Med. 1966 Jan 1;123(1):191-204 PMID 5902569; Cites Acta Pathol Microbiol Scand. 1966;67(4):586-7 PMID 5924751; Cites Fed Proc. 1966 Nov-Dec;25(6):1713-9 PMID 5927405; Cites Blood. 1966 Apr;27(4):511-20 PMID 5931583; Cites Br J Exp Pathol. 1957 Feb;38(1):67-78 PMID 13413083; Cites Ann N Y Acad Sci. 1962 Oct 24;99:432-55 PMID 13949633; Cites J Exp Med. 1963 May 1;117:799-812 PMID 13992961; Cites Proc R Soc Lond B Biol Sci. 1964 Jan 14;159:257-82 PMID 14114163; Cites Ann N Y Acad Sci. 1964 Feb 28;113:1053-65 PMID 14120506

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Other Citation Owner: NLM

Record type: MEDLINE; Completed

...lymph were reduced to between 20-30% of normal levels. Thymectomy done in fetuses about 2 mo before **cannulation** of the thoracic duct reduced the output of cells in the thoracic duct to about... ..up to 2 wk in utero had a similar complement of lymphocytes in their lymphoid **tissues** to intact thymectomized **fetal** lambs. Lymphocytes **obtained** from the thoracic duct lymph of lambs thymectomized 2 mo previously recirculated from blood to... (

Dialog eLink:

USPTO Full Text Retrieval Options

35/3,K/4 (Item 4 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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05244369 **PMID:** 1123559

In vivo evidence for the functional heterogeneity of transferrin -bound iron. II. Studies in pregnant rats.

Awai M; Chipman B; Brown E B

Journal of laboratory and clinical medicine (UNITED STATES) May 1975 , 85 (5)

p785-96 , ISSN: 0022-2143--Print 0022-2143--Linking **Journal Code:** 0375375
Publishing Model Print

Document type: Journal Article; Research Support, U.S. Gov't, P.H.S.

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

In vivo evidence for the functional heterogeneity of transferrin -bound iron. II. Studies in pregnant rats.

Iron atoms from the two iron-binding sites of **transferrin** in the maternal plasma were selectively **transferred** to fetal tissues across the placenta of the pregnant rat. Rat serum **transferrin** was selectively double-labeled with 55Fe bound to the A-site and 59Fe bound toto 20 days gestation. Ratios of 55Fe to 59Fe were measured in various maternal and **fetal tissues sampled** from 30 to 120 minutes after injection. In the maternal tissues preponderance of A-site 55Fe was observed in circulating red blood cells and in heme extracted from **bone marrow** and spleen; B-site 59Fe predominated in the liver parenchymal cells and proximal small intestine. As predicted by the Fletcher-Huehns hypothesis, placental **transfer** of radioiron resulted in a selective concentration of A-site 55Fe in all the fetal... ..fetal blood. When the placenta was bypassed by direct injection of the selectively double-labeled **transferrin** into the umbilical vein, a reversal of the 55Fe/59Fe ratios of heme extracted from... ..was observed. These studies confirm the concept of functional heterogeneity of iron atoms bound to **transferrin** and indicate that the placenta of rats between the eleventh and twentieth day of pregnancy selectively **removes** erythroblast-oriented iron from **transferrin** and diverts it to **fetal tissues**. (**Descriptors:** *Iron--metabolism--ME; *Maternal-Fetal Exchange; ***Transferrin** --metabolism--ME ; Animals; Binding Sites; **Bone Marrow**; Erythroblasts; Erythrocytes--metabolism--ME; Ferritins--metabolism--ME; Fetus--metabolism --ME; Gestational Age; Heme--metabolism--ME...

Named Person:

Chemical Name: Iron Radioisotopes; **Transferrin**; Heme; Iron; Ferritins

Dialog eLink:

USPTO Full Text Retrieval Options

35/3,K/5 (Item 1 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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07251446 **Biosis No.:** 198477083357

BLIND VS. DIRECT VISION TECHNIQUE FOR FETAL SKIN SAMPLING IN CASES FOR PRE NATAL DIAGNOSIS

Author: LOFBERG L (Reprint); GUSTAVII B

Author Address: DEP OBSTET GYNECOL, UNIV HOSP, S-221 85 LUND, SWEDEN**SWEDEN

Journal: Clinical Genetics 25 (1): p 37-41 1984

ISSN: 0009-9163

Document Type: Article

Record Type: Abstract

Language: ENGLISH

BLIND VS. DIRECT VISION TECHNIQUE FOR FETAL SKIN SAMPLING IN CASES FOR PRE NATAL DIAGNOSIS

Abstract: ...in 2 and non-bullous ichthyosiform erythroderma in 1) were subjected to prenatal diagnosis by **fetal skin sampling**. The conventional blind **biopsy** procedure was used in the first 3 cases; a **2-cannula** technique (1 **cannula** for the optic instrument and the other for the biopsy forceps) that permits biopsy of... ..used, leakage of amniotic fluid occurred and labor started in the 33rd wk. With the **2-cannula** technique, the number of biopsy samples could be confined to 2 or 3, and all...

Dialog eLink:

USPTO Full Text Retrieval Options

35/3,K/6 (Item 1 from file: 972)

DIALOG(R)File 972: EMBASE

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0072766865 **EMBASE/MEDLINE No:** 1984047281

'Blind' versus direct visual technique for fetal skin sampling in cases for prenatal diagnosis

Lofberg L.; Gustavii B.

Department of Obstetrics and Gynecology, University Hospital, S-221 85 Lund , Sweden

Corresp. Author/Affil: : Department of Obstetrics and Gynecology, University Hospital, S-221 85 Lund , Sweden

Clinical Genetics (CLIN. GENET.) (Denmark) March 8, 1984 , 25/1 (37-41)

CODEN: CLGNA **ISSN:** 0009-9163

Document Type: Journal ; Article **Record Type:** Abstract

Language: English

'Blind' versus direct visual technique for fetal skin sampling in cases for prenatal diagnosis

...in 2, and non-bullous ichthyosiform erythroderma in 1) were subjected to prenatal diagnosis by **fetal skin sampling**. The conventional 'blind' **biopsy** procedure was used in the first 3 cases; a **two-cannula** technique (one **cannula** for the optic instrument and the other for the biopsy forceps) that permits biopsy of... ..used, leakage of amniotic fluid occurred and labor started in the 33rd week. With the **two-cannula** technique, the number of biopsy samples could be confined to two or three, and all...

Medical Descriptors:

* congenital ichthyosiform erythroderma; ***epidermolysis** bullosa; * **fetoscopy**; *prenatal

diagnosis; *skin biopsy

Dialog eLink:

USPTO Full Text Retrieval Options

35/3,K/7 (Item 2 from file: 972)

DIALOG(R)File 972: EMBASE

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0071509462 EMBASE/MEDLINE No: 1979242815

Human leukaemia-associated antigens expressed by acute myelocytic leukaemia cells and their detection by heterologous antisera

Thranhardt H.; Milleck J.; Zintl F.; et-al

Kinderklin., Berl. Med., Friedrich-Schiller-Univ., Jena, German Democratic Republic

Corresp. Author/Affil: : Kinderklin., Berl. Med., Friedrich-Schiller-Univ., Jena, German Democratic Republic

Folia Haematologica (FOLIA HAEMATOL.) (German Democratic Republic)
December 10, 1979 , 106/3 (311-320)

CODEN: FOHEA **ISSN:** 0323-4347

Document Type: Journal ; Article **Record Type:** Abstract

Language: English **Summary language:** French; English

...cells from allogeneous donors the antisera reacted with leukemia cells, but not with leukocytes from **bone marrow** and the peripheral blood of children in remission, lymphocytes from healthy donors, enriched B-lymphocytes... ..with AML cells, but also with ALL, CLL, and CML cells. It was possible to **remove** the cross-reactivity with ALL cells through absorption with ALL cells or with **fetal tissue**, and to **remove** the cross reactivity with CLL cells through absorption with CLL. A complete absorption of the...

SECTION HEADINGS:

Cancer

Hematology

Immunology, Serology and **Transplantation**

Internal Medicine

? t s23/3,k/2,3,4,5,6,7,8,9 - These 8 results are from 1990 but not sure when in 1990, you will have to get the full-text to determine the exact date.

Dialog eLink:

USPTO Full Text Retrieval Options

23/3,K/2 (Item 1 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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00692320 Genuine Article#: EN163 No. References: 15

Title: VARIATION OF LYSOSOMAL-ENZYME ACTIVITY WITH
GESTATIONAL-AGE IN CHORIONIC VILLI

Author: FUKUDA M; TANAKA A; ISSHIKI G

Corporate Source: OSAKA CITY UNIV,SCH MED,DEPT PEDIAT,1-5-7
ASAHI MACHI,ABENO KU/OSAKA 545//JAPAN//; OSAKA CITY UNIV,SCH
MED,DEPT PEDIAT,1-5-7 ASAHI MACHI,ABENO KU/OSAKA 545//JAPAN/
Journal: JOURNAL OF INHERITED METABOLIC DISEASE , 1990 , V 13 , N 6 , P
862-866

Language: ENGLISH **Document Type:** ARTICLE

Title: VARIATION OF LYSOSOMAL-ENZYME ACTIVITY WITH
GESTATIONAL-AGE IN CHORIONIC VILLI

Research Fronts: 88-3092 002 (CHORIONIC VILLUS SAMPLING;
ULTRASONICALLY GUIDED **FETAL TISSUE** BIOPSY; TRANS-**ABDOMINAL**
CHORIOCENTESIS)

Cited References:

Dialog eLink: [USPTO Full Text Retrieval Options](#)

23/3,K/3 (Item 2 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

(c) 2011 The Thomson Corp. All rights reserved.

00551275 **Genuine Article#:** EB319 **No. References:** 41

Title: CYTOGENETIC ANALYSIS OF 750 SPONTANEOUS-ABORTIONS WITH
THE DIRECT-PREPARATION METHOD OF CHORIONIC VILLI AND ITS
IMPLICATIONS FOR STUDYING GENETIC CAUSES OF PREGNANCY
WASTAGE

Author: EIBEN B; BARTELS I; BAHRPORSCH S; BORGMANN S; GATZ G;
GELLERT G; GOEBEL R; HAMMANS W; HENTEMANN M; OSMERS R;
RAUSKOLB R; HANSMANN I

Corporate Source: UNIV GOTTINGEN,INST HUMANGENET,GOSSLERSTR
12D/D-3400 GOTTINGEN//FED REP GER//; UNIV GOTTINGEN,INST
HUMANGENET,GOSSLERSTR 12D/D-3400 GOTTINGEN//FED REP GER//; UNIV
GOTTINGEN,FRAUENKLIN/D-3400 GOTTINGEN//FED REP GER//; EVANGEL
KRANKENHAUS,INST KLIN GENET & ZYTOL/OBERHAUSEN//FED REP GER//;
ALBERT SCHWEITZER KRANKENHAUS/NORTHEIM//FED REP GER//

Journal: AMERICAN JOURNAL OF HUMAN GENETICS , 1990 , V 47 , N 4 , P 656-
663

Language: ENGLISH **Document Type:** ARTICLE

Title: CYTOGENETIC ANALYSIS OF 750 SPONTANEOUS-ABORTIONS WITH
THE DIRECT-PREPARATION METHOD OF CHORIONIC VILLI AND ITS
IMPLICATIONS FOR STUDYING GENETIC CAUSES OF PREGNANCY
WASTAGE

Research Fronts: 88-3092 002 (CHORIONIC VILLUS SAMPLING;
ULTRASONICALLY GUIDED **FETAL TISSUE** BIOPSY; TRANS-**ABDOMINAL**
CHORIOCENTESIS)

88-5738 001 (RECURRENT SPONTANEOUS-ABORTION; MATERNAL-FETAL
HLA COMPATIBILITY; RED BLOOD-GROUP ANTIGENS...

Cited References:

Dialog eLink:

USPTO Full Text Retrieval Options

23/3,K/4 (Item 3 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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00538271 **Genuine Article#:** DZ792 **No. References:** 16

Title: INTERPRETATION OF CHROMOSOME MOSAICISM AND DISCREPANCIES IN CHORIONIC VILLI STUDIES

Author: SACHS ES; JAHODA MGJ; LOS FJ; PIJERS L; REUSS A; WLADIMIROFF JW

Corporate Source: ERASMUS UNIV,HOSP DIJKZIGT,DEPT CLIN GENET,POB 1738/3000 DR ROTTERDAM//NETHERLANDS/; ERASMUS UNIV,HOSP DIJKZIGT,DEPT OBSTET & GYNAECOL/ROTTERDAM//NETHERLANDS/

Journal: AMERICAN JOURNAL OF MEDICAL GENETICS , 1990 , V 37 , N2 , P 268-271

Language: ENGLISH **Document Type:** ARTICLE

Title: INTERPRETATION OF CHROMOSOME MOSAICISM AND DISCREPANCIES IN CHORIONIC VILLI STUDIES

Research Fronts: 88-3092 001 (CHORIONIC VILLUS SAMPLING; ULTRASONICALLY GUIDED FETAL TISSUE BIOPSY; TRANS-ABDOMINAL CHORIOCENTESIS)

Cited References:

Dialog eLink:

USPTO Full Text Retrieval Options

23/3,K/5 (Item 4 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

(c) 2011 The Thomson Corp. All rights reserved.

00309306 **Genuine Article#:** DF474 **No. References:** 30

Title: ANALYSIS OF CULTURED CHORIONIC VILLI IN A CASE OF OSTEOGENESIS IMPERFECTA TYPE-II - IMPLICATIONS FOR PRENATAL-DIAGNOSIS

Author: GRANGE DK; LEWIS MB; MARINI JC

Corporate Source: NICHHD,HUMAN GENET BRANCH,CONNECT TISSUE DISORDERS UNIT,BLDG 10,ROOM 9S242,9000 ROCKVILLE PIKE/BETHESDA//MD/20892; NICHHD,HUMAN GENET BRANCH,CONNECT TISSUE DISORDERS UNIT,BLDG 10,ROOM 9S242,9000 ROCKVILLE PIKE/BETHESDA//MD/20892

Journal: AMERICAN JOURNAL OF MEDICAL GENETICS , 1990 , V 36 , N2 , P 258-264

Language: ENGLISH **Document Type:** ARTICLE

Title: ANALYSIS OF CULTURED CHORIONIC VILLI IN A CASE OF OSTEOGENESIS IMPERFECTA TYPE-II - IMPLICATIONS FOR PRENATAL-DIAGNOSIS

Research Fronts: ...DISSECTION; MAGNETIC-RESONANCE IMAGING; PERINATAL LETHAL FORM OF OSTEOGENESIS IMPERFECTA)

88-3092 001 (CHORIONIC VILLUS **SAMPLING**; ULTRASONICALLY GUIDED **FETAL TISSUE BIOPSY**; TRANS-**ABDOMINAL** CHORIOCENTESIS)

88-3996 001 (TYPE-II COLLAGEN; PROCOLLAGEN MESSENGER-RNA LEVELS OF SCLERODERMA FIBROBLASTS; OSTEOGENESIS...

Cited References:

Dialog eLink: [USPTO Full Text Retrieval Options](#)

23/3,K/6 (Item 5 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

(c) 2011 The Thomson Corp. All rights reserved.

00296492 **Genuine Article#:** DD893 **No. References:** 9

Title: FETOMATERNAL TRANSFUSION DEPENDS ON AMOUNT OF CHORIONIC VILLI ASPIRATED BUT NOT ON METHOD OF CHORIONIC VILLUS SAMPLING

Author: SHULMAN LP; MEYERS CM; SIMPSON JL; ANDERSEN RN; TOLLEY EA; ELIAS S

Corporate Source: UNIV TENNESSEE,CTR HLTH SCI,DEPT OBSTET & GYNECOL,ROOM E-102,853 JEFFERSON AVE/MEMPHIS/TN/38163; UNIV TENNESSEE,CTR HLTH SCI,DEPT EDUC/MEMPHIS/TN/38163

Journal: AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY , 1990 , V 162 , N5 , P 1185-1188

Language: ENGLISH **Document Type:** ARTICLE

Title: FETOMATERNAL TRANSFUSION DEPENDS ON AMOUNT OF CHORIONIC VILLI ASPIRATED BUT NOT ON METHOD OF CHORIONIC VILLUS SAMPLING

Research Fronts: 88-3092 001 (CHORIONIC VILLUS **SAMPLING**; ULTRASONICALLY GUIDED **FETAL TISSUE BIOPSY**; TRANS-**ABDOMINAL** CHORIOCENTESIS)

Cited References:

Dialog eLink: [USPTO Full Text Retrieval Options](#)

23/3,K/7 (Item 6 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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00258495 Genuine Article#: DA707 No. References: 15

Title: THE ROLE OF TRANSVAGINAL SONOGRAPHY IN CHORIONIC VILLI SAMPLING

Author: POPP LW; GHIRARDINI G

Corporate Source: UNIV KIEL,WOMEN CLIN/D-2300 KIEL 1//FED REP GER/
UNIV KIEL,MICHAELIS MIDWIFERY SCH/D-2300 KIEL 1//FED REP GER/
OSPED FRANCHINI,DEPT OBSTET & GYNECOL/MONTECCHIO//ITALY/

Journal: JOURNAL OF CLINICAL ULTRASOUND , 1990 , V 18 , N4 , P 315-322

Language: ENGLISH **Document Type:** ARTICLE

Title: THE ROLE OF TRANSVAGINAL SONOGRAPHY IN CHORIONIC VILLI SAMPLING

Research Fronts: 88-3092 002 (CHORIONIC VILLUS SAMPLING;
ULTRASONICALLY GUIDED **FETAL TISSUE BIOPSY**; TRANS-ABDOMINAL
CHORIOCENTESIS)

Cited References:

Dialog eLink:

USPTO Full Text Retrieval Options

23/3,K/8 (Item 7 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci

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00256571 Genuine Article#: DB425 No. References: 28

Title: SISTER CHROMATID EXCHANGES IN 1ST-TRIMESTER CHORIONIC VILLI AFTER INVIVO AND INVITRO EXPOSURE TO DIAGNOSTIC ULTRASOUND

Author: CARRERA P; ORSINI S; TERZOLI G; BRAMBATI B; SIMONI G

Corporate Source: IST CLIN PERFEZIONAMENTO,CITOGNET LAB,VIA
COMMENDA 12/I-20122 MILAN//ITALY/; CLIN DEL LAVORO L
DEVOTO/MILAN//ITALY/; UNIV MILAN,OSTET & GINECOL CLIN 1/I-20122
MILAN//ITALY/

Journal: PRENATAL DIAGNOSIS , 1990 , V 10 , N3 , P 141-148

Language: ENGLISH **Document Type:** ARTICLE

Title: SISTER CHROMATID EXCHANGES IN 1ST-TRIMESTER CHORIONIC VILLI AFTER INVIVO AND INVITRO EXPOSURE TO DIAGNOSTIC ULTRASOUND

Research Fronts: ...UNSTIMULATED HUMAN-BLOOD LYMPHOCYTES; VIRUS-
INFECTED CHINESE-HAMSTER OVARY CELLS)

88-3092 001 (CHORIONIC VILLUS SAMPLING; ULTRASONICALLY GUIDED
FETAL TISSUE BIOPSY; TRANS- ABDOMINAL CHORIOCENTESIS)

Cited References:

Dialog eLink:

USPTO Full Text Retrieval Options

23/3,K/9 (Item 8 from file: 34)

DIALOG(R)File 34: SciSearch(R) Cited Ref Sci
(c) 2011 The Thomson Corp. All rights reserved.

00081120 **Genuine Article#:** CL215 **No. References:** 16

Title: DIRECT CHROMOSOME PREPARATION AND CULTURE USING CHORIONIC VILLI - AN EVALUATION OF THE 2 TECHNIQUES

Author: SIMONI G; TERZOLI G; ROSSELLA F

Corporate Source: UNIV MILAN,IST CLIN PERFEZIONAMENTO,OSTETR & GINECOL CLIN 1,CITOGNET LAB/I-20122 MILAN//ITALY/

Journal: AMERICAN JOURNAL OF MEDICAL GENETICS , 1990 , V 35 , N2 , P 181-183

Language: ENGLISH **Document Type:** ARTICLE

Title: DIRECT CHROMOSOME PREPARATION AND CULTURE USING CHORIONIC VILLI - AN EVALUATION OF THE 2 TECHNIQUES

Research Fronts: 88-3092 001 (CHORIONIC VILLUS SAMPLING;

ULTRASONICALLY GUIDED FETAL TISSUE BIOPSY; TRANS-ABDOMINAL CHORIOCENTESIS)

Cited References:

? t s27/3,k/15,16,17,18,19,20,21

Dialog eLink: **USPTO Full Text Retrieval Options**

27/3,K/15 (Item 14 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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09633231 **PMID:** 2589453

Integration of the transabdominal technique into an ongoing chorionic villus sampling program.

Copeland K L; Carpenter R J; Fenolio K R; Ledbetter D H

Institute for Molecular Genetics, Baylor College of Medicine, Houston, TX 77030.

American journal of obstetrics and gynecology (UNITED STATES) Nov 1989 , 161 (5) p1289-94 , **ISSN:** 0002-9378--Print 0002-9378--Linking **Journal Code:** 0370476

Contract/Grant No.: HD19881; HD; NICHD NIH HHS United States

Publishing Model Print

Document type: Journal Article; Research Support, U.S. Gov't, P.H.S.

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

...villus sampling had an overall success rate of 99%, with only one insertion of the **guide needle** required for 98% of patients. Tissue weights of greater than or equal to 10 mg... (

Descriptors: ***Chorionic Villi** Sampling--methods--MT ; Abdomen; **Chorionic Villi** Sampling--adverse effects--AE; Congenital Abnormalities--diagnosis--DI; Fetal Death--etiology--ET; Humans; Pregnancy; Pregnancy...

Named Person:

Dialog eLink:

USPTO Full Text Retrieval Options

27/3,K/16 (Item 15 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

(c) format only 2011 Dialog. All rights reserved.

09608152 **PMID:** 2682417

Articulated needle guide: report on the first 30 cases.

Sonek J; Nicolaides K; Sadowsky G; Foley M; O'Shaughnessy R

Department of Obstetrics and Gynecology, Ohio State University, College of Medicine, Columbus.

Obstetrics and gynecology (UNITED STATES) Nov 1989 , 74 (5) p821-3 , **ISSN:**

0029-7844--Print 0029-7844--Linking **Journal Code:** 0401101

Publishing Model Print

Document type: Journal Article; Research Support, Non-U.S. Gov't

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Articulated needle guide: report on the first 30 cases.

This report represents our initial experience with a new type of **needle guide** for amniocentesis, transabdominal chorionic villus biopsies, and funipuncture developed at the Ohio State University and tested at the Harris Birthright Centre for Fetal Medicine. This articulated **needle guide** is designed to combine the advantages of the existing needle guides and the freehand technique. The **needle guide** offers improved maneuverability compared with standard needle guides and maintains easy visualization of the needle. (

Descriptors: *Amniocentesis--instrumentation--IS; ***Chorionic Villi** Sampling--instrumentation--IS

Dialog eLink: **USPTO Full Text Retrieval Options**

27/3,K/17 (Item 16 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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09012361 **PMID:** 3278307

Transabdominal chorionic villus sampling for fetal genetic diagnosis. Technical and obstetrical evaluation of 100 cases.

Smidt-Jensen S; Hahnemann N

Department of Obstetrics and Gynecology, Aalborg Hospital, Denmark.

Prenatal diagnosis (ENGLAND) Jan 1988 , 8 (1) p7-17 , **ISSN:** 0197-3851--Print

0197-3851--Linking **Journal Code:** 8106540

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

...of the women were 35 years or more at the time of sampling. Using the **double needle** technique, both the aspiration and the diagnostic success rate were 100 per cent. The mean... ..from aborted fetal tissue. Transabdominal CVS is deemed a safe and easy tool for achieving **chorionic villi** in the first trimester. (

Descriptors: ***Chorionic Villi**--pathology--PA; *Fetal Diseases--diagnosis --DI;

*Prenatal Diagnosis--methods--MT

Dialog eLink: **USPTO Full Text Retrieval Options**

27/3,K/18 (Item 17 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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07390309 **PMID:** 6830725

Assessment of a transcervical aspiration technique for chorionic villus biopsy in the first trimester of pregnancy.

Horwell D H; Loeffler F E; Coleman D V

British journal of obstetrics and gynaecology (ENGLAND) Mar 1983 , 90 (3) p196-8

, **ISSN:** 0306-5456--Print 0306-5456--Linking **Journal Code:** 7503752

Publishing Model Print

Document type: Journal Article; Research Support, Non-U.S. Gov't

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

A cannula attached to a **syringe** was passed through the cervical canal into the uterine cavity in an attempt to aspirate **chorionic villi** just before termination of a first trimester pregnancy in 82 patients. **Chorionic villi** were obtained from 40% of these patients. In

view of the value of this technique... ..diagnosis of genetic disorder, development of the technique and further trials of transcervical aspiration of **chorionic villi** would seem warranted. (

Descriptors: ***Chorionic Villi**--pathology--PA; *Fetal Diseases--genetics --GE;
*Placenta--pathology--PA; *Prenatal Diagnosis--methods--MT

Dialog eLink:

USPTO Full Text Retrieval Options

27/3,K/20 (Item 2 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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06210686 **Biosis No.:** 198171029645

ARTIFICIAL INTERRUPTION OF GRAVIDITY IN THE 1ST AND 2ND TRIMESTERS AND ITS RELATION TO HEALTH OF A WOMAN

Author: CHALUPA M (Reprint)

Author Address: UNIV KARLOVA

Journal: Supplementum Sborniku Vedeckych Praci Lekarske Fakulty University
Karlovy v Hradci Kralove 23 (1): p 1-73 1980

ISSN: 0049-5522

Document Type: Article

Record Type: Abstract

Language: SLOVAK

Abstract: ...minimal, because due to underpressure the uterus is induced to contract and the discharge of **chorionic villi** from the uterine wall is, after the suction of the most material from the uterus... ..fixed puncture needle in the uterine wall (consequently uncertain application when injecting due to changing **syringes** when a needle could get from amniotic cavity) and finally injury to the placenta lining ...

Dialog eLink:

USPTO Full Text Retrieval Options

27/3,K/21 (Item 1 from file: 972)

DIALOG(R)File 972: EMBASE

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0072553547 **EMBASE/MEDLINE No:** 1984233859

Aspiration as a technique for biopsy of chorionic villi

Liu D.T.Y.; Slater E.; Norman S.

Departments of Obstetrics and Gynecology, City Hospital, Nottingham,
United Kingdom

Corresp. Author/Affil. : Departments of Obstetrics and Gynecology,
City Hospital, Nottingham, United Kingdom

Journal of Obstetrics and Gynaecology (J. OBSTET. GYNAECOL.) (United Kingdom) December 6, 1984 , 5/2 (75-77)

CODEN: JOGYD **ISSN:** 0144-3615

Document Type: Journal **Record Type:** Abstract

Language: English

Aspiration as a technique for biopsy of chorionic villi

Aspiration biopsy is currently the most popular technique for obtaining **chorionic villi** for early prenatal diagnosis. Various sizes of **syringes** have been suggested to provide the necessary negative pressure, but no guide line is available... ..an appropriate size. Differences between pressures and pressure profiles for the 2 and 20 ml **syringes** were examined in both in vitro and in vivo situations. In vitro testing showed the 2 ml **syringe** created one-quarter (125 mmHg) the negative pressures found with 20 ml **syringe** (525 mmHg) in our system. Pressures during aspiration biopsy were half to two-thirds those recorded for the in vitro situation when either the 2 or 20 ml **syringe** was used. The clinical implications of these findings are discussed.

? t s31/3,k/10,11,12,14

Dialog eLink:

USPTO Full Text Retrieval Options

31/3,K/10 (Item 10 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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09633231 **PMID:** 2589453

Integration of the transabdominal technique into an ongoing chorionic villus sampling program.

Copeland K L; Carpenter R J; Fenolio K R; Ledbetter D H

Institute for Molecular Genetics, Baylor College of Medicine, Houston, TX 77030.

American journal of obstetrics and gynecology (UNITED STATES) Nov 1989 . 161

(5) p1289-94 , **ISSN:** 0002-9378--Print 0002-9378--Linking **Journal Code:** 0370476

Contract/Grant No.: HD19881; HD; NICHD NIH HHS United States

Publishing Model Print

Document type: Journal Article; Research Support, U.S. Gov't, P.H.S.

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Integration of the transabdominal technique into an ongoing chorionic villus sampling program.

...of two sampling techniques: 544 by a transcervical catheter aspiration method and 325 by a **transabdominal** two-needle aspiration method. The transcervical approach was the only procedure used in the first 330 cases, at which time the **transabdominal** technique was incorporated into our program. After an initial learning curve in the first 100...
...equal to 10 mg were obtained in 88% of cases. The fetal loss rate for **transabdominal** chorionic villus sampling was 2.6%, indicating the addition of this new method did not significantly alter the fetal loss rate. **Transabdominal** chorionic villus sampling had an overall success rate of 99%, with only one insertion of the **guide needle** required for 98% of patients. Tissue weights of greater than or equal to 10 mg were obtained in 99% of cases. These results demonstrate that the **transabdominal** procedure can be rapidly and effectively incorporated by an operator already experienced with transcervical chorionic... (

Descriptors: *Chorionic Villi Sampling--methods--MT ; Abdomen; Chorionic Villi Sampling--adverse effects--AE ; Congenital Abnormalities--diagnosis--DI; Fetal Death--etiology--ET; Humans; Pregnancy; Pregnancy...

Named Person:

Dialog eLink:

USPTO Full Text Retrieval Options

31/3,K/11 (Item 11 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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09608152 **PMID:** 2682417

Articulated needle guide: report on the first 30 cases.

Sonek J; Nicolaides K; Sadowsky G; Foley M; O'Shaughnessy R
Department of Obstetrics and Gynecology, Ohio State University, College of Medicine, Columbus.

Obstetrics and gynecology (UNITED STATES) Nov 1989 , 74 (5) p821-3 , **ISSN:** 0029-7844--Print 0029-7844--Linking **Journal Code:** 0401101

Publishing Model Print

Document type: Journal Article; Research Support, Non-U.S. Gov't

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Articulated needle guide: report on the first 30 cases.

This report represents our initial experience with a new type of **needle guide** for amniocentesis, **transabdominal** chorionic villus biopsies, and funipuncture developed at the Ohio State University and tested at the Harris Birthright Centre for Fetal Medicine. This articulated **needle guide** is designed to combine the advantages of the existing needle guides and the freehand technique. The **needle guide** offers improved maneuverability compared with standard needle guides and maintains easy visualization of the needle. (

Descriptors: *Amniocentesis--instrumentation--IS; ***Chorionic Villi** Sampling--instrumentation--IS

Dialog eLink: [USPTO Full Text Retrieval Options](#)

31/3,K/12 (Item 12 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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09012361 PMID: 3278307

Transabdominal chorionic villus sampling for fetal genetic diagnosis. Technical and obstetrical evaluation of 100 cases.

Smidt-Jensen S; Hahneemann N

Department of Obstetrics and Gynecology, Aalborg Hospital, Denmark.

Prenatal diagnosis (ENGLAND) Jan 1988 , 8 (1) p7-17 , ISSN: 0197-3851--Print

0197-3851--Linking **Journal Code:** 8106540

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Transabdominal chorionic villus sampling for fetal genetic diagnosis. Technical and obstetrical evaluation of 100 cases.

First trimester fetal diagnosis was established in 100 pregnancies at risk by **transabdominal** chorionic villus sampling (TA-CVS). Forty-eight per cent of the women were 35 years or more at the time of sampling. Using the **double needle** technique, both the aspiration and the diagnostic success rate were 100 per cent. The mean... ..from umbilical cord blood or heel blood from the newborn or from aborted fetal tissue.

Transabdominal CVS is deemed a safe and easy tool for achieving **chorionic villi** in the first trimester. (

Descriptors: ***Chorionic Villi**--pathology--PA; *Fetal Diseases--diagnosis --DI;

*Prenatal Diagnosis--methods--MT

Dialog eLink: [USPTO Full Text Retrieval Options](#)

31/3,K/14 (Item 2 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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06210686 **Biosis No.:** 198171029645

ARTIFICIAL INTERRUPTION OF GRAVIDITY IN THE 1ST AND 2ND TRIMESTERS AND ITS RELATION TO HEALTH OF A WOMAN

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Author Address: UNIV KARLOVA

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ISSN: 0049-5522

Document Type: Article

Record Type: Abstract

Language: SLOVAK

Abstract: ...minimal, because due to underpressure the uterus is induced to contract and the discharge of **chorionic villi** from the uterine wall is, after the suction of the most material from the uterus... ...lives. The Aburel method was known for many years, but the solution was always applied **transabdominally**. Injury to urocyt or to intestinal villi, insufficient suction of amnion, insufficiently fixed puncture needle in the uterine wall (consequently uncertain application when injecting due to changing **syringes** when a needle could get from amniotic cavity) and finally injury to the placenta lining... ...short-lasting narcosis and a much better fixation of a needle in comparison with vertical **transabdominal** prick because the needle goes obliquely both through musculature of uterine cervix and lower part...